

NOTICE: THE INFORMATION AND  
DESIGN CONTAINED HEREIN IS THE  
PROPERTY OF PREMIER AVIATION INC.  
WHO RESERVES ALL RIGHTS THERETO.

NOTES (UNLESS OTHERWISE SPECIFIED):

1. ALL WIRE AND WIRE ROUTING IN ACCORDANCE WITH AC 43-13-1A, CHAPTER 11, AND COMPONENT MANUFACTURER RECOMMENDATIONS.
2. ALL WIRE PER MIL-W-22759/16, SHIELDING PER MIL-C-27500.

- 3 ON 412 CONNECT TO X1 OF 1K1, REF BHT 412-MM-3 pg. 98-00-13/14.  
ON 212 CONNECT TO X2 OF K7, REF BHT 212-MM-2 PG 98-00-048.
- 4 ON 412 CONNECT TO X1 OF 1K2, REF BHT 412-MM-3 pg. 98-00-17/18.  
ON 212 CONNECT TO X2 OF K8, REF BHT 212-MM-2 PG 98-00-49.
- 5 ON 412 CONNECT TO X1 OF 2K1 EXTERNAL PWR RELAYREF BHT 412-MM-3 pg. 98-00-19/20  
ON 212 CONNECT TO X2 OF K1 EXTERNAL PWR RELAY,REF BHT 212-MM-2 PG 98-00-50.
- 6 ON412 INSTALL IN 8TB1-NZ,REF BHT 412-MM-3 PS 98-0081/82.  
ON 212 INSTALL IN TB12-5,REF BHT 212-MM-2 PS 98-81.
- 7 REF BHT 412-MM-3 PS 98-00-113/114.
- 8 REF BHT 212-MM-2 PS 98-79.
- 9 EXTENDED GROUND WIRE PROVIDED TO ASSURE PROPER  
GROUND RETURN FROM LOAD.
- 10 ON 412 USE PART NUMBER 023-13000-41, ON 212 USE PART NUMBER 023-13000-07.

REV STATUS OF SHEETS	REV	F	F
	SHEET	1	2

REVISIONS				DATE	APPROVED
ZONE	MOD	REV	DESCRIPTION	DATE	APPROVED
		-	MFG. RELEASE	9/5/90	GL
		A	UPDATED PER Q.C. REDLINE	9/23/90	GL
		B	UPDATED SEE HISTORY COPY	4/24/90	GL
		C	UPDATED SEE HISTORY FILE	5/31/91	GL
		D	UPDATED SEE HISTORY FILE	11/27/91	GL
		E	UPDATED PER ECO #3536	6/15/92	GL
		F	UPDATED PER ECO #3651	2/19/93	GL

QTY	REF	ITEM	CODE	DESCRIPTION	SPECIFICATION	PORT NO.
1	D20419-18	SCREW CLIPS	ITT		26	
1	DA24658	BACKSHELL	ITT		25	
REF	B64-13003-23	BUSS	PREMIER		24	
REF	B64-13003-27	BUSS	PREMIER		23	
2	60618	PINS	MOLEX		22	
1	EM608	FAN	VICKERS		21	
1	76390-502G252	CURRENT SENSOR	LEE AIRE		20	
1	023-13000-07/-41	GEN CONTROL PNL	PREMIER	10	19	
1	DAMA-15S	CONNECTOR	ITT		18	
1	1-480319-0	CONNECTOR	MOLEX		17	
1	7277-2-1	CIRCUIT BREAKER	KLIKON		16	
2	7277-2-10	CIRCUIT BREAKER	KLIKON		15	
3	7277-2-5	CIRCUIT BREAKER	KLIKON		14	
1	WKJ-6D-265	RELAY	ALLIED CONTROL		13	
7	IN4005	DIODE	MOTOROLA		12	
1	23080-503	GEN QUAD MTG (6 BULT)	LEAR SEIGLER/ LUCAS AEROSPACE		11	
1	23080-1050	AIR INLET	LEAR SEIGLER/ LUCAS AEROSPACE		10	
2	60617-1	SOCKETS	MOLEX		9	
1	1-480318-0	CONNECTOR	MOLEX		8	
1	MS91587-5	SHUNT, METER 400A			7	
2	A-712-AB	RELAY 600 AMP	HARTMAN ELECTRICAL		6	
2	130-035-1	DC CURRENT TRANSFORMER	BELL		5	
					4	
1	MS3106R24-28S	CONNECTOR			3	
1	GCSG505-2	GEN CONTROL UNIT	APC		2	
1	400SG136Q-1	GEN DC 400 AMP	APC		1	

PER		PRINT NO.		IDENT NO.	
PARTS LIST					
MATERIAL	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON		DRAWN R. LATHAM	DATE 9/5/90	PREMIER AVIATION BEND PRAIRIE, TEXAS
	DECIMALS .XX±.05 .XXX±.03 ANGLES ±1°				
FINISH	ON	NHA	RELEASED ①	9/5/90	WIRING DIAGRAM 400 AMP GENERATOR
	412 212		APPROVAL		SIZE CODE IDENT NO.
			APPROVAL	D OSUV8 B23-12000	REV. F
			APPROVAL	SCALE: <input type="text"/>	WT: <input type="text"/>
				SHEET 1 OF 2	

## WIRING DIAGRAM 100 AMP GENERATOR

STC'd PRINT B2312000, 01 ORIGINAL

